APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Copper Requirement of Plants Met by Soaking Seed in $CuSO_4$ Solution, by S. M. Drozdov, 2 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIII, 1952, pp 929-930.

SLA R-1266

May 58

64,613

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Rozenberg, M.D.
THE INTERFERENCE OF OIL WELLS IN AN ELASTIC FILTRATION SYSTEM OF OIL. 5 p. 5 refs.
MTWL: 613.
Order from OTS or ETC $1.40 61-17235

Trans. of Akademiya Nauk SSSR. Doklady, 1952, v. 84, no. 1, p. 31-32.

DESCRIPTORS: *Mineral oils, Fluid filters.

61-17235

I. Rozenberg, M.D.
II. MTWL-613
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

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Electromagnetic Wave Propagation Along an Infinite Spiral Slot, by S. A. Vakin, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 1, 1952, pp 37-40.

SLA Tr R-851

Sci - Electricity, Physics R-1913 52,273

Sep 57

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Oscillations in a Discharge as a Source of Moving Striations, by A. A. Zaitsev, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, 1952, pp 41-44.

AEC Tr 2560

Sci - Physics
Nov 56 CTB

40,433

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Photoproduction on π^0 Mesons From Deuterons, by V. V. Mikhailov, A. M. Baldin.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 84, No 1, USSR, 1952, pp 47-49.

AEC Tr 1355

Sci - Nuclear Physics

Aug 52 CTS DEX

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Investigation of the Microvariations of the Temperature Field in the Atmosphere, by S. I. Krechner

RUSSIAN, per, Dok Ak Nauk, Vol 84, No 1, pp 55-58, 1952.

577

C.D.E.E(T.I.R.S.)
Tr No 59 OT/435
K-145

Scientific - Chemistry
Tr Avail @ The Librarian, Ministry of Supply, T.I.R.S., Porton, Nr. Salisbury, Wiltshire.

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Procedure for Determining the Hardness Variation Pattern of Alpha and Gamma Phases in Steel Being Heated in Vacuo to 2000° F., by M. G. Lozinskii

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 1, 1952, pp 63-66.

Brutcher Order No 3045
Price $3.10

Scientific - Minerals/Metals

Jun 53 CTS

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Effect of Cracks upon the Mechanical Properties of Metals in Different States of Stress, by Ya. B. Fridman, E. K. Zilova, N. I. Zhukova, 1100 words.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol XXCIV, No 1, 1952, pp 67-70.

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Scientific - Minerals/metals

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Sep 55

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Yield of Dyes During Color Development, by S. A. Bongard, A. N. Iordanskiy, and V. S. Cheltsov, 8pp

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CIA/FDD/X-1330

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Scientific - Chemistry

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S- 5123 (DC-2780)

The Probability of Formation of Crystalline Nuclei in Binary Melts of the Eutectic Type, by Ya. V. Grechnnyy, 9 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 1, 1952, pp 89-92.

JPRS L-1722-D

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Sci - Chem
Jul 59

90,655

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Fermentative Cleavage of Levo-Methyl Histidine,
by A. N. Parshin and T. A. Goriukhina, 9 pp.
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Preliminary Investigation of the
Mineralogical Composition
of the Stone Meteorite Vengerova,
by I. A. Yudin.
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NASA TT F-10,213

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Effect of 2,4-Dichlorophenoxy Acetic Acid on Sunflower Metabolism at Different Temperatures, by
. I. Gunar, E. E. Krastina, K. A. Briushkova.

USSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, 1 May
952, pp 173-176. ~~321 T444 A~~

USDA Trans 308

476

SSR
conomic - Agriculture,
cientific -Biology, acetic acid, metabolism

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SLA Tr R-800

Sci - Mathematics 52, 314

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[illegible]
Interplanetary matter and the Ionospheric Disturbances Causing Scintillation of Radio Starts, by V. L Ginzburg.

Full translation.

RUSSIAN, no per, Dok Ak Nauk SSSR, Vol LXXXIV, No 2, USSR, 1952, pp 245-248.

AEC Tr 1496

Scientific - Astronomy, interplanetary, ionospheric, radio stabs

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Elastic Stretching of Polymers, by E. I. Barg, D. M. Spitkovskiy, N. N. Mel'teva, 8 pp.

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Scientific - Chemistry

CTS/DSX

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Surface Impregnation of Steel With Vanadium From the Gaseous Phase by G. N. Dubinin.

RUSSIAN, Dok Ak Nauk SSSR, Vol 84, 1952, No 2, pp 269-272

Brutcher Tech Tr No 2929

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

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The ~~XXXXX~~ Resolving Power of Photographic Emulsions and of the Eye at Low Contrast, by G. A. Istomin, 6 pp. UNCLASSIFIED.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, LXXXIV, No 2, 1952, pp 273-275.

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Scientific - Physics

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

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Adiabatic Compressibility of Liquids in the Critical Region, by V. F. Nozdrev.

Full translation.

RUSSIAN, mo per, Dok Ak Nauk SSSR, Vol XXCIV, 1952, pp 317-319.

AEC Tr 1027

USSR

— Physics, liquids

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

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Metasilicate Chains in the Theory of Heat Capacity, by V. V. Tarasov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, 1952, pp 321-324

SLA/R-2553

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Solubility of Nitrogen in Iron-Chromium Alloys
by K. T. Kurochkin, P. V. Gel'd, and V. I.
Yavoiskii

RUSSIAN, Dok Ak Nauk SSSR, Vol 84, 1952, No 2,
pp 329-332.

Brutcher Tech Tr No 2935

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Changes in the Activity of Certain Insect Enzymes Under Intoxication, by GHTG and DDT, by N. G. Berim.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 2, 1952, pp 393-396.

CSIRO

Sci - Biol
Apr 62

190,373

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Statistical Theory of the Magnetron (Static-Regime), by G. Ya. Lyubarskiy, L. E. Pargamanik, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 3, 1952, pp 491-494.

Sci Mus Lib No 54/1318
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Scientific - Electronics
Aug 54 CTS

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6-5122 (DC-2781)

Influence of a Porous Structure of the Adsorbent on the Form of the Adsorption Isotherm of Vapors, by M. M. Dubinin, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 3, 1952, pp 539-542.

JPRS L-1721-D

USSR
Sci - Chem
Jul 59

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Effect of Halide Ions on the Adsorption of Organic Cations by Iron Surfaces, by Z. Iofa. RUSSIAN, per, Doklady Akad. Nauk SSSR, Vol 84, No 3, 1952, pp 543-546
CSIRO/No. 9488

sci/ chem
aug 69

389,784

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Kinetics of Finishing of Photographic Emulsions and the Role of Sulfur Compounds, by K. V. Chibisov, A. A. Titov, A. A. Mikhaylova, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 3, 1952, pp 547-550.

CIA/FDD/K-1052

Declassified - Unclassified CIA/RR
Chemistry

5 5 7

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New Data on the Ferment Systems that Form Glycine From the Beta-Oxy-Amino Acids, by G. Ia. Vilenkina, 9 pp.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 3, 1952, pp 559-562.

CIA/FDD/X-854

Scientific - Chemistry

Jun 53 CIS 2802

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[redacted] of Photosynthesis and Seasonal Changes
[redacted] of Melosira Baicalensis Mist., by B. A.
[redacted]obkov

DSHIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV,
3, pp 607-610, 1952

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Scientific - Chemistry
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Surface Impregnation of Steel With Tungsten From a Gaseous Medium, by G. N. Dubinin.

RUSSIAN, Dok Ak Nauk SSSR, Vol 84, 1952, No 4, pp 693-696

Brutcher Tech Tr No 2941

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

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New Method of Synthesis of Aldynes With Iso Structure and a Centrally Located Triple Bond - Di(Secondary-Alkyl) Acetylenes, by R. Ya. Levina, Y. S. Shabarov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, 1952, pp 709-712.

CIA/FDD XX-1625
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269,695

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New Method of Synthesis of Amino Phosphinic Acids. Reaction of Ketones with Dialkyl Phosphites and Ammonia, by T. Ia. Medved', M. I. Kabachnik, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 4, 1952, pp 717-720. CIA D 197049.

MIH

Sci - Chemsitry

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The Action of Amines on Several Thiacarbocyanines Containing Alkoxy or Alkylmercapto Groups in the Meso Position, by N. N. Sveshnikov, I. I. Levkoev, B. S. Portnaya, E. B. Lifshits, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 4, 1952, pp 733-736.

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Scientific - Chemistry
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General Theory of Electrochemical Protection Against Corrosion, by G. V. Akimov, 4 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 4, 1952, pp 745-746.

Navy Tr 676/[redacted] 413

NRL

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Scientific - Chemistry, Engineering, electrochemical, corrosion

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Influence de la presision sur la solubilite de l'hydrogene moleculaire dans la phase du systeme Pd - H, by P. S. Prminov, A. A. Orlov, et al, 9 pp.

RUSSIAN to FRENCH, per, Dok Ak Nauk SSSR, Vol LXXIV, 1952, pp # 749-752. 9216133

Reverse Translation
CEA-R-1673

Sci
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Relationship Between the Maximum Light Sensitivity of Photographic Emulsion, Its Corresponding Fog Density, and the Accumulation of Silver Halide in Ripening, by I. M. Ratner, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIV, No 4, 1952, pp 753-755.

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Scientific - Medicine CIS/DEX
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The Formation of Ethanol and Acetaldehyde in Apple Tissues, by E. V. Artsikhovskaya, V. E. Sokolova, 5 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 4, 1952, pp 765-768.
OTS 63-11085
PL-480

Sci - Biol & Med Sci
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On the Influence of pH on the Electrochemical Behavior of Metals and Their Resistance to Corrosion, by A. Ya. Shatalov,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXVI, No 4, 1952, pp 775-777.

20,849 Co-op Tr Sch No 98
Ll. 4s (3s Cd.)

Scientific - Chemistry Feb 55 CIS

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Glycolysis and Content of Adenosine Triphosphoric Acid During Stimulation of Central Nervous System, by A. V. Palladin, B. I. Khaikina, N. M. Poliakova, 5 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XXXIV, No 4, 1952, pp 717-719.

NIH

Scientific - Medicine Aug 53 CTS/DEX 4/1416

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Kolomiets, I. A.
THE BIOLOGICAL ANALYSIS OF THE DEVELOPMENT OF THE APPLE-TREE FLOWER BUDS (Biologicheskii Analiz Razvitiya Tsvetochnykh Pochek u Yabloni) tr. by V. A. Soloduhin. [1962] [10]p. (foreign text included) 2 refs. CSIRO] Trans. no. 5816.
Order from OTS or SLA $1.10 62-33095

Trans. of Akademiya Nauk SSSR. Doklady, 1952, v. 84, no. 4, p. 821-824.

DESCRIPTORS: *Trees, *Apples, *Fruits, Production, Cells (Biology), Nutrition, Temperature.

During the cycle of development of apple-tree blossoms even conditions of nutrition are not required by the cells in the terminal part of the stem. At the same time, not only the composition of the food substances that reach the meristematic cells but also their overall concentra- (Biological Sciences--Botany, TT, v. 9, no. 4) (over)

62-33095

I. Kolomiets, I. A.
II. CSIRO Trans-5816
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

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The Adaptation of Respiratory Gaseous Exchange of the Apple to Its Environment, by B. A. Rubin, V. E. Sokolova, E. V. Artsikhovskaya.

RUSSIAN, per, Dok Ak Nauk SSSR, Biokhim, Vol LXXXV, No 4, 1952, pp 859-862.

*PL-480
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On the Functional Moments of Symmetric Correlation, by O. V. Sarmanov, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, 1952, pp 887-890.

SLA R-1170

Sci -

May 58

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On the Proximity Spaces in the Scene of V. A. Efremovic, by Ju. Smirnov, 5 pp.
RUSSIAN, per, Doklady Akademii Nauk SSSR, Vol LXXXIV, 1952, pp 895-898.

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Vol XXXVIII, Ser 2

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The Question of the Appearance of Oxygen Lines in the Spectrum of the Sun and of Certain Stars, by A. A. Nikitin, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, 1952, pp 913-915.

ATIC F-TS-9626/V

Sci - Astron
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Resonance Paramagnetic Absorption in a Single Crystal of Gadolinium Nitrate, by E. K. Zavoyskiy, 3 pp., UNCLASSIFIED)

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, pp 923-925, 1952.

Navy Tr 720/ATI 404

Scientific - Chemistry May 53 CIS

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Saturation of the Surface of Steel With Molybdenum From the Gaseous Medium, by G. N. Dubinin, 4 pp.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, 1952, pp 935-938.

CIA/FDD/Z-57

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Scientific - Chemistry

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

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Some Theoretical Considerations Regarding the Calculation of the Volume Diffusion Coefficient, by B. Ya. Lyubov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 84, 1952, pp 939-941.
*CFSTI TT 70-59092

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The Hydrolysis of O-acylamincacyl Derivatives of Serine (O-peptides) by ferments, by M. M. Botvinik, S. M. Avayeva, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV No 5, 1952, 951-953.

Sci Tr Ctr RT-3772

Sci - ~~Astronomy~~ Chemistry
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The Reaction of Hexaalkyldisiloxanes With Aluminum Halides. A New Method of Synthesis of Trialkylhalosilanes, by M. G. Voronkov et al.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, 1952, pp 959-961.

Assoc Tech Sv Tr RJ-96

Scientific - Chemistry

Mar 53 CTS $5.25 ($0.85)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Isonicotinoylhydrazones and Their Anti-Tubercular Activity, by M. N. Shchukina et al.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, 1952, pp 981-985.

SLA - R - 0[illegible]

Assoc Tech Sv Tr RJ-95

Scientific - Medicine

Mar 53 CTS $6.50 ($1.20)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Preparation of Hexa-Alkoxy Derivatives of Disilanoethane, by A. V. Topchiev et al.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, 1952, pp 979-980.

Assoc Tech Sv Tr RJ-58

Scientific - Chemistry

Mar 53 CTS $3.25 ($0.75)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

S-5262 (MY-2710).

Equation of the Crystallization on the Surface of a Binary Chemical Compound Melting Congruently in a Ternary System, by A. T. Grigor'yev, 22 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, 1952, pp 989-992.

JPRS-L-981-N

Sci - Chem, Crystallization
Aug 59

94, 239

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Thermodynamics of Individual Hydrocarbons, by P. G. Maslov.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, 1952, pp 993-996.

AEC Tr 1564

TT-

Scientific - Physics

May 53 CTS

2098

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Adsorption and Solution of Hydrogen by Dispersed Palladium-Rhodium Alloys, by I. P. Tverdovskii and A. I. Stetsenko.

Full EK translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, 1952, pp 997-1000.

Assoc Tech Sv Tr RJ-91

Scientific - Chemistry

Mar 53 CHS $7.25 ($1.20)

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Crystallization of Desynthesized Protein, by
S. E. Bresler, M. A. Selesneva, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
LXXXIV, No 5, 1952, pp 1013-1016.

NLL [illegible]

CIA/FDD/X-1079
Chemistry
Scientific - ~~Medicine~~ CRS/DEX

5279

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

On the Question of the Nature of Intermediate Products of Photosynthesis, by N. G. Domin, 7 pp.
UNCLASSIFIED

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, 1952, pp 1017-1020.

AEC Tr 2039

Scientific - Chemistry Jun 53 CTS/DEX

3058

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

The Theory of Acceleration of the Production of Silicaceous Building Materials through the Addition of Crystalhydrates, by P. P. Budnikov.

RUSSIAN, Per, Dok Ak Nauk SSSR, Vol LXXXIV, 1952, pp 1021-1024.

INSDOC-T1632

Sci
Aug 58

74,773

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Complex Formation Between Alkali Metal Fluorides of the Lanthanum Group Metals, by E. P. Dergunov, 6 pp. RUSSIAN, per, Dokl. Ak. Nauk SSSR, Vol LXXXV, 1952, pp 1025-1028.

AEC-Tr-6232

Sci - M/M
Feb 64

250, 538

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Role of Medicamentous Sleep and Growth of the Recipient in the Skin Homoplasty of Rats, by Sh. V. Musina, 10 pp.

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 5, 1952, pp 1089-1092.

CIA/FDD/X-861

Scientific - Medicine

Jnn 53 CIS

2801

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

On the Functional Moments of Asymmetric Correlation, by O. V. Sarmanov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 6, 1952, pp 1139-1142.

SLA Tr R-679

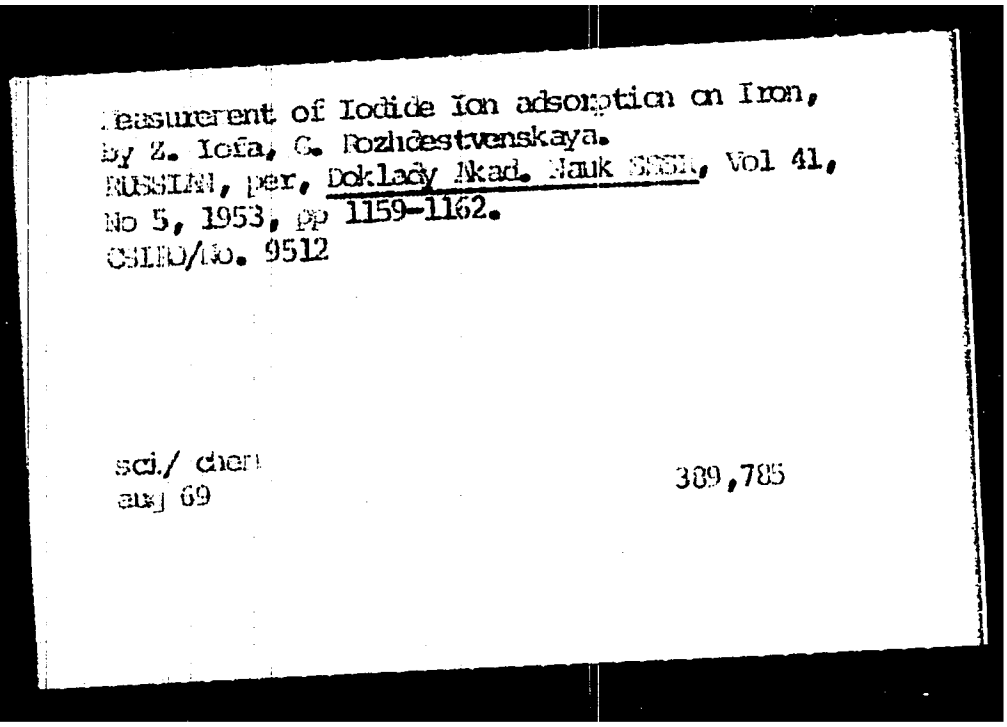
Sci - Physics

50, 548

Aug 57

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2



Measurement of Iodide Ion adsorption on Iron,
By Z. Iofa, G. Rozhdestvenskaya.
RUSSIAN, per. Doklady Akad. Nauk SSSR, Vol 41,
No 5, 1953, pp 1159-1162.
CSLIO/No. 9512

sci./ chem
aug 69

389,785

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

S-138/60 (MF-3710).

Functional Equations of Thermal Radiation in the Presence of an Absorbing and Diffusing Medium, by Yu. A. Surinov, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, No 6, 1952, pp 1159-1162.

JPRS 2636

118,679

Sci - Phys
Jun 60

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Quick Methods of Micro-Elementary Analysis. Simultaneous Determination of Carbon, Hydrogen and Silicon, by V. A. Klimova et al.

RUSSIAN, per, Dok Ak Nauk SSSR, 1952, XXXXXXXX
Vol LXXXIV, No 6, pp 1175-1178.

D.S.I.R. Tr No T.C.L. 48

1078

Scientific - Chemistry

List No 49, Apr 1953

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

The Reaction Between Nickel Carbonyl and Monoalkyl Acetylenes, by A. Ya. Yakubovich, E. V. Volkova, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXIV, No 6, 1952, pp 1183-1186.

Sci Tr Center
RT-3771 39,136

Sci - Chemistry
Sep 56 CTS/dcx

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

General Formula For the Temperature Dependence of the Specific Heat of N- Alkanes and N-Alkenes, by P. G. Maslov.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, 1952, pp 1187-1190.

AEC Tr 1482

Scientific - Chemistry, alkanes, alkenes

Jan 53 CTS/DEX

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Torikov, D.M.
THE REDUCTION IN RATE OF FILTRATION OF POLAR OILS THROUGH A POROUS MEDIUM. 5 p. 2 refs. MTWL: 623.
Order from OTS or ETC $1.40 61-17225

Trans. of Akademiya Nauk SSSR. Doklady, 1952, v. 84, no. 6, p. 1195-1196.

DESCRIPTORS: Porous filters, *Mineral oils, Oxidation.

61-17225

I. Torikov, D.M.
II. MTWL-623
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Ammosov, I. I. and Musyal, S. A.
HER REFLECTIEVERMOGEN ALS EEN VAN DE HOOFDEIGENSCHAPPEN VAN MINERALE KOLEN
(Reflecting power as one of the main properties of fossil coals). 7p. 4 refs. MTWL: 681. (Text in Dutch).
Order from OTS or ETC $1.55 61-17366

Trans. of Akademiva Nauk SSSR. Ooklady. 1952. v. 84. p. 1223-1226.

DESCRIPTORS: *Coal, *Reflection, Structure, Classification.

61-17366

I. Ammosov, I. I.
II. Musyal, S. A.
III. MTWL-681
IV. Stichting Moeilijk Toegankelijke Wetenschappelijke literatuur

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Changes in Hardness of Fire-Coals Under Impregnation With Methane, by I. L. Ettinger and M. M. Protodiakonov

RUSSIAN, per, Dok Ak Nauk SSSR, 1952, Vol LXXXIV, No 6, pp 1235-1238.

D.S.I.R. Tr No T.C.L. 48

Scientific - Fuels

List No 49, Apr 1953

1081

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Mechanism of Some Transformations and the Paths of Biogenesis of Carbohydrates With a Branched Carbohydrate Chain, by M. M. Shemiakin, A. S. Khokhlov, M. N. Kolosov.

RUSSIAN, par, Doklady Akad Nauk SSSR, Vol LXXXIV, No 6, 1952, pp 1301-1304.

Natl Res Council, Canada
TT No 737

Bel - Had

Mar 60

III, 288

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

On the Distribution of the Modulus of the Maximum Deviation From the Mean in a Number of Observations, by A. M. Kenderzhiy.

RUSSIAN, per; Dok Ak Nauk SSSR, Vol 81, 1952, No 1, 1952, pp 5-8.

Morris D. Friedman

Sci - Physics
Aug 58

73, Wash
AEC NP-136

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Division of Rectangular Matrices, by B. V. Bulgakov.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXV, No 1,
1952, pp 21-24. 9698545
DDC RSIC-448

Sci - Math
Nov 65

291,374

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Two Theorems On the Behavior of Empirical Distribution Functions, by B. V. Gnedenko, V. S. Mikhalevich, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk, SSSR, Vol LXXXV, No 1, 1952, pp 25-27.

Sci Tr Center RT-335

Scientific - Mathematics

10,124

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Piskunov, N.S.
THE SHAPE OF THE OIL-WATER INTERFACE DURING OIL SEPARATION FROM A LAYER AND DURING WATER INJECTION UNDER PRESSURE. FORMATION OF WATER CONES. 7 p. 2 refs. MTWL: 616.
Order from OTS or ETC $1.55 61-17238

Trans. of Akademiya Nauk SSSR. Doklady, 1952, v. 85, no. 1, p. 49-52.

DESCRIPTORS: *Mineral oils, Water, Boundery layer.

61-17238

I. Piskunov, N.S.
II. MTWL-616
III. Stichting Moeilijk Toegankelijke Wetenschappelijke Literatuur

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

The Integral Representation of a Field Vector, by I. S. Arzanyh.
RUSSIAN, per, Doklady Akad Nauk SSSR, 1952, Vol 85, No 1, pp 55-58.
NLL 9022.55 1964 (45) (On Loan)

Aug 65 287,009

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

The Alkylation of Ethylbenzene With Acetylene, by V. L. Vaiser, A. M. Polikarpova, 5 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV, No 1, 1952, pp 85-86.

Sci Tr Ctr FT-3402

34,917

Scientific - Chemistry

May 56 CTS/dex

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Catalytic Amination of Cyclohexanol, by N. Kozlov, L. Akhmetshina.
RUSSIAN, per. Dok Ak Nauk SSSR, Vol 85, No 1, 1952, pp 91-93.
ATS RJ-5069

Sci-Chem
July 69

385,478

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Some Uses of Deuterium and Heavy Oxygen in the Chemistry of Silicon, by I. G. Khaskin, 7 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV, 1952, pp 129-132.

CIA/FDD XX-243
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chemistry
Feb 1957 CTS/dex
IAC INTERNAL USE ONLY

44, 186

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

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The Electron-Microscopic Study of ☒ Natural Phosphates, by S. I. Vol'fkovich, L. B. Grinshpan, A. B. Shekhter, 5 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV, ☒ 1952, pp 137-139.

SLA R-2851

Sci

Jul 59

91, 365

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Wetting Forces in Heterogeneous, Non-Cylindrical Pores, and the Problem of Unidirectional Penetration in Pores, by I. M. Perelman.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV, No 1, 1952, pp 153-156.

Co-op Tr Sch No 85

17,764

Scientific - Chemistry
Aug 54 CTS

£1. (4s.0d.)

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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Study of Process of Oxidation (Rusting) of Iron by the Isotope Method, by E. I. Dontsova

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV, No 1, 1952, pp 165-167.

Brutcher Tr No 3073

Jul 53CTS /DKX

Scientific - Minerals/Metals Price # $2.70

3405

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Spectral Study of the State of Chlorophyll Upon Its Formation in Plants and in Colloidal Solutions of the Substances From Etiolated Leaves, by A. A. Krasnovskii L. M. Kosobutskaya, 6 pp. UNCLASSIFIED

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV, 1952, pp 177-180.

AEC Tr 2040

Scientific - Chemistry

Jun 53 CTS/DE$X

3059

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Biosynthesis of Glutamine, Carbohydrates and Proteins Labeled With Radioactive Carbon, by A. M. Kuzin, V. I. Merenova, 4 pp. H UNCLASSIFIED

Full translation.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Z Vol LXXXV, 1952, pp 181-183.

AEC Tr 2041

NIH

Scientific - Chemistry Jun 53 CTS/DEX

3060

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

On the Fixed Directions of the Product of Some Operators, by M. M. Vaynberg, 9 pp.
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 85, 1952, pp 261-263. P911156167
AEC UCRL Tr-10094

326,444

Sci - Nuclear Science
May 67

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

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[redacted]

4(BNL-tr-488) 5SELF-CONSISTENT FIELD METHOD AS APPLIED TO THE NUCLEUS. 6Kompaneets, A. 10Translated by S. J. Amoretty (Brookhaven National Lab., Upton, N. Y.), from 15Dokl. Akad. Nauk SSSR; 85; No. 2, 301-4(1952). 20 8p. 2324Dep. NTIS.

26physics (nuclear); translations 27 20H

28MN-34 29P NSA

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Dependence of the Quantitative Composition of a Phase on the Ratio of Atomic Radii in One Class of Intermetallic Phases, by P. I. Kripiakevich, 6 pp.

RUSSIAN, thrice-mo per., Dok Ak Nauk SSSR, Vol LXXXV, No 2, 1952, pp 321-324. 920 7206

AEC-TR-5784
[redacted]
MI Fulmer Research Institute 47

Scientific - Nuclear Physics
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APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Shift of Liquid Inclusion in a Crystal in the Direction of Heat Source, by G. G. Lemmlein, RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 85, No 2, 1952, pp 325-328.
AEC-WAPD-Trans-78 P911016868

Sci/Phys
Apr 68 351,227

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Bonding of Metals With Carbinol Glue and the Inhibitory Action of Some Metals on the Initiation of Polymerisation, by S. E. Isakova, A. Ya. Korolev, I. V. Stepanova, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV, No 2, 1952, pp 331-334.

R.A.E. Tr 489

Scientific - Chemistry
May 55 CTS

25,535

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Organolithium Synthesis of Some α- Naphthylsilanes,
by A. D. Petrov, S. I. Sadykhzade.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LXXXV, 1952, pp 345-347.

Assoc Tech Sv RJ-217
$4.20

Scientific - Chemistry
CTS 73/Oct 1955

27,479

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Solubility of Dolomitised Limestones and Dolomites in Water at 25°C and 1 atm. Pressure of CO_2, by V. N. Sveshnikova, 8 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol X LXXXV, No 2, 1952, pp 357-360.

24,385 Sci Mu Lib Tr 55/0538

Scientific - Chemistry Jun 55 CTS

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Inhibition of Corrosion of Nitrided Steel in Sulfuric Acid, by S. A. Balezin, V. B. Ratinov.

Full translaton.

RUSSIAN, B per, Dok Ak Nauk SSSR, Vol LXXXV, No 2, 1952, pp 367-368.

Brutcher Tr No 2984

USSR

Scientific - Nitrided, Steel, Sulfuric acid, corrosion

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2

Adsorption of Organic Substances and the Electrode Processes, by A. N. Frumkin, 10 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXXV, No 2, 1952, pp 373-376.

Sci Trans Center RT-62

Scientific - Chemistry

Jan 54 CRS

8678

APPROVED FOR RELEASE: Wednesday, August 14, 2002 CIA-RDP91-00772R000301790024-2